

~~SECURITY INFORMATION~~

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RESIDENT ENGINEER

David L. Narver, Jr.

Protective Coatings for Concrete Pipe  
Trenches - Bldg. 301, Elmer

April 2, 1953

*R Lab*  
*DN*

References: Teletype 0666 dated March 21, 1953  
Change Order 3758  
Drawings FS-2005-6, F.S. 2006-3 and F.S. 2007-6

NATIONAL ARCHIVES  
REPOSITORY  
PACIFIC SOUTHWEST REGION  
COLLECTION  
RC-326 ATOMIC ENERGY COMMISSION  
BOX NO.  
194624 (#608) A16334 326-6510170  
ELMER GENERAL  
FOLDER  
108884 PROJECT ENGINEERING FILE

Your request in the referenced teletype for a protective coating to seal the surface of a concrete trench from the action of double concentration sea water solution (brine) has been discussed with the following manufacturers of coatings believed to be suitable:

Amercoat Corporation  
Super Concrete Emulsion Company  
Atlas Mineral Products Company

We also requested information on products for coating the steel pipe shown in some of the trenches by your drawings, and an acid-resistant paint for the wooden platform in the acid tank area.

The Amercoat offering, covering their coal tar base product, is attached.

Recommendations of the Super Concrete Emulsion Company, covering an asphalt emulsion product, are expected shortly, and will be forwarded when received.

Verbal recommendations from the Atlas Mineral Products Company are for their carbon-filled neoprene base NEELIUM maintenance material. (Sample Attached). This will be suitable for concrete, steel or wood. No primer is required, and on concrete will give a one-coat coverage of 40 square feet per gallon. Three coats are recommended. The cost is \$7.00 per gallon in 5-gallon pails, F.O.B. Mertztown, Pennsylvania. For a minimum cost coating they offer their ATLASTIC #31 asphaltic base membrane coating. A 1/4" thick coating is recommended, applied in at least three hot applications, which requires approximately 1 1/2 pounds per square foot.

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
REVIEWED BY: <i>W. J. Miller</i> DATE: <i>7/28/94</i>	DETERMINATION (CIRCLE NUMBER(S)) 1. CLASSIFICATION RETAINED 2. CLASSIFICATION CHANGED TO: 3. CONTAINS NO DOE CLASSIFIED INFO 4. COORDINATE WITH: 5. CLASSIFICATION CANCELLED 6. CLASSIFIED INFO BRACKETED

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The cost is  $4\frac{1}{2}$  cents per pound, F.O.B. Berkeley, California.  
Literature from Atlas is attached.

Please advise if any further information is required.

Original Signed By  
DAVID L. NARVER, JR.

David L. Narver, Jr.  
Chief Project Engineer

DLNJr:RAB:cas  
Encls.

cc: Project Manager JS  
Constr.-Oper. Div. (2)  
J. H. Manning  
Project Engr. File ✓  
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